The following Listing of Claims will replace all prior versions, and listings, of claims in the application.

LISTING OF CLAIMS:

1. (Currently Amended) A method of producing analytical <u>result</u> ~~data~~ comprising:

a measurement step of obtaining measurement data by means of a measurement device for a subject's in vivo test and/or in vitro test,

a first transmission step of transmitting said measurement data from said measurement device to an analysis device via a network,

a first receiving step of receiving said measurement data by said analysis device,

~~an analysis~~ <u>a processing</u> step of <u>processing</u> ~~analyzing~~ said measurement data by said analysis device to obtain <u>an</u> analytical ~~data~~ <u>result which corresponds to said measurement data,</u>

a second transmission step of transmitting said analytical <u>result</u> ~~data~~ from said analysis device, via said network, to said measurement device, and

a second receiving step of receiving said analytical <u>result</u> ~~data~~ by said measurement device.

2. (Currently Amended) The method of producing analytical <u>result</u> ~~data~~ according to Claim 1, wherein

said first transmission step includes a step of associating a communication address of said measurement device with said measurement data.

3. (Currently Amended) A method of producing analytical <u>result</u> ~~data~~ comprising:

a measurement step of obtaining measurement data by means of a measurement

device for a subject's in vivo test and/or in vitro test,

a first transmission step of transmitting said measurement data from said

measurement device to an analysis device via a network,

a first receiving step of receiving said measurement data by said analysis device,

~~an analysis~~ a processing step of processing ~~analyzing~~ said measurement data by said

analysis device to obtain an analytical ~~data~~ result which corresponds to said measurement

data,

a second transmission step of transmitting said analytical result ~~data~~ from said

analysis device, via said network, to an output device that outputs said analytical result ~~data~~,

a second receiving step of receiving said analytical result ~~data~~ by said output device,

and

an output step of outputting said analytical result ~~data~~ by said output device.

4. (Currently Amended) The method of producing analytical result ~~data~~ according to

Claim 3, wherein

said first transmission step includes a step of associating a communication address of

said output device with said measurement data.

5. (Currently Amended) An analytical result ~~data~~ producing device, comprising:

~~connection means for connecting, via a network, a measurement device that conducts~~

~~measurements for a subject's in vivo test and/or in vitro test and obtains measurement data,~~

receiving means for receiving a ~~said~~ measurement data <u>via a network</u> from a ~~said~~

measurement device <u>that conducts measurements for a subject's in vivo test and/or in vitro</u>

<u>test and obtains said measurement data</u> ~~via said connection means~~,

    <u>processing</u> ~~analysis~~ means for <u>processing</u> ~~conducting an analysis of~~ said measurement

data, and obtaining <u>an</u> analytical <u>result</u> ~~data~~ <u>which corresponds to said measurement data</u>, and

    transmission means for transmitting, via said <u>network</u> ~~connection means~~, said

analytical <u>result</u> ~~data~~ to said measurement device.

    6. (Currently Amended) The analytical <u>result</u> ~~data~~ producing device according to

Claim 5, wherein

    said receiving means receives a communication address of said measurement device

and associates said communication address with said measurement data.

    7. (Currently Amended) The analytical <u>result</u> ~~data~~ producing device according to

Claim 5, wherein

    said receiving means further receives identification information and test items for

said subject that are associated with said measurement data, and

    said transmission means transmits said identification information of said subject and

said test items associated with said measurement data.

    8. (Currently Amended) The analytical <u>result</u> ~~data~~ producing device according to

Claim 5, wherein

    said receiving means further receives device identification information that identifies

a class of said measurement device and said measurement data associated therewith,

and said processing analysis means includes:

storage means for storing analysis programs for processing methods of said

measurement data for each class of said measurement device,

determination means for determining said class of said measurement device based

upon said device measurement identification information, and

selection means for selecting an analysis program method corresponding to said class

of said measurement device from amongst said stored analysis programs methods, and for

applying the selected analysis program method to process analysis of said measurement data.

9. (Currently Amended) The analytical result data producing device according to

Claim 5, further comprising:

results storage means for storing conditions on a contract relating to analysis of

measurement data exchanged between a manager of the analytical data producing device and

a manager of said measurement device, and usage results of said analytical data production

device that said manager of said measurement device used, and

determination means for determining items billed to said manager of said

measurement device based on said contract conditions and said usage results.

10. (Currently Amended) An analytical result data producing device, comprising:

connection means for connecting, via a network, a measurement device that conducts

measurements for a subject's in vivo test and/or in vitro test and obtains measurement data,

receiving means for receiving a said measurement data via a network from a said

measurement device that conducts measurements for a subject's in vivo test and/or in vitro

test and obtains said measurement data via said connection means,

processing ~~analysis~~ means for processing ~~conducting an analysis of~~ said measurement

data, and obtaining an analytical result ~~data~~ which corresponds to said measurement data, and

transmission means for transmitting, via said network ~~connection means~~, said

analytical result ~~data~~ to an output device that outputs said analytical result ~~data~~.

11. (Currently Amended) The analytical result ~~data~~ producing device according to

Claim 10, wherein

said receiving means receives a communication address of said measurement device

and associates said communication address with said measurement data.

12. (Currently Amended) The analytical result ~~data~~ producing device according to

Claim 10, wherein

said receiving means further receives identification information and test items for

said subject that are associated with said measurement data, and

said transmission means transmits said identification information of said subject and

said test items associated with said analytical result ~~data~~.

13. (Currently Amended) The analytical result ~~data~~ producing device according to

Claim 10, wherein

said receiving means further receives device identification information that identifies

a class of said measurement device and said measurement data associated therewith,

and said processing means ~~analysis device~~ includes:

storage means for storing analysis programs for processing ~~methods of~~ said

measurement data for each class of said measurement device,

determination means for determining said class of said measurement device based

upon said <u>device</u> ~~measurement~~ identification information, and

selection means for selecting an analysis <u>program</u> ~~method~~ corresponding to said class

of said measurement device from amongst said stored analysis <u>programs</u> ~~methods~~, and for

applying the selected analysis <u>program</u> ~~method~~ to <u>process</u> ~~analysis~~ of said measurement data.

14. (Currently Amended) The analytical <u>result</u> ~~data~~ producing device according to

Claim 10, further comprising:

results storage means for storing conditions on a contract relating to <u>process</u> ~~analysis~~

of measurement data exchanged between a manager of the analytical <u>result</u> ~~data~~ producing

device and a manager of said measurement device, and usage results of said analytical <u>result</u>

<u>producing</u> ~~data production~~ device that said manager of said measurement device used, and

determination means for determining items billed to said manager of said

measurement device based on said contract conditions and said usage results.

15. (Currently Amended) A computer program product for an analytical <u>result</u> ~~data~~

production, comprising:

~~connection means for connecting, via a network, a measurement device that conducts~~

~~measurements for a subject's in vivo test and/or in vitro test and obtains measurement data,~~

receiving means for receiving said measurement data <u>via a network</u> from <u>a</u> ~~said~~

measurement device <u>that conducts measurements for a subject's in vivo test and/or in vitro</u>

<u>test and obtains said measurement data</u> ~~via said network~~,

<u>processing</u> ~~analysis~~ means for <u>processing</u> ~~conducting an analysis of~~ said measurement

data, and obtaining <u>an</u> analytical <u>result</u> ~~data~~ <u>which corresponds to said measurement data</u>, and

transmission means for transmitting, via said network, said analytical <u>result</u> <s>data</s> to said measurement device.

16. (Currently Amended) A computer program product for an analytical <u>result</u> <s>data</s> production, comprising:

<s>connection means for connecting, via a network, a measurement device that conducts measurements for a subject's in vivo test and/or in vitro test and obtains measurement data,</s>

receiving means for receiving said measurement data <u>via a network</u> from <u>a</u> <s>said</s> measurement device <u>that conducts measurements for a subject's in vivo test and/or in vitro test and obtains said measurement data</u> <s>via said network</s>,

<u>processing</u> <s>analysis</s> means for <u>processing</u> <s>conducting an analysis of</s> said measurement data, and obtaining <u>an</u> analytical <u>result</u> <s>data</s> <u>which corresponds to said measurement data</u>, and

transmission means for transmitting, via said network, said analytical <u>result</u> <s>data</s> to an output device that outputs analytical <u>result</u> <s>data</s>.

17. (Currently Amended) A measurement device to be connected via a network to an analysis device <u>that processes a measurement data and obtains an analytical result which corresponds to said measurement data by processing the measurement data</u>, comprising:

measurement means for conducting measurements for a subject's in vivo test and/or in vitro test and for obtaining measurement data, <u>and</u>

<s>first connection means for connecting said measurement means to said analysis device, via said network, and</s>

first transmission means for transmitting said measurement data to said analysis

device via said <u>network to convert said measurement data into said analytical result</u> ~~first~~

~~connection means,~~

wherein the network is selected from the group consisting of an internet, a public

telephone network, a mobile communication network, and an ISDN.

18. (Previously Presented) The measurement device according to Claim 17, wherein

said first transmission means associates a communication address of said

measurement device with said measurement data and transmits said measurement data.

19. (Previously Presented) The measurement device according to Claim 17, wherein

said first transmission means associates identification information of said subject and test

items with said measurement data and transmits said measurement data.

20. (Previously Presented) The measurement device according to Claim 17, wherein

said first transmission means associates device identification information that indicates the

identity of said measurement device with said measurement data and transmits said

measurement data.

21. (Currently Amended) The measurement device according to Claim 17, further

comprising:

an output means for outputting <u>said</u> analytical <u>result</u> ~~data obtained by analyzing said~~

~~measurement data,~~

~~second connection means for connecting said output means to said analysis device,~~

receiving means for receiving from said analysis device <u>said</u> analytical <u>result</u> ~~data~~

obtained by <u>processing</u> ~~analyzing~~ said measurement data, and

second transmission means for transmitting said analytical <u>result</u> ~~data~~ received by

said receiving means~~, via said second connection means,~~ to said output means<u>.</u> [[,]]

~~wherein said first transmission means employs a communication address of said~~

~~measurement device as an communication address.~~

22. (Currently Amended) The measurement device according to Claim 17, further

comprising

output means for outputting analytical <u>result</u> ~~data~~ received from said analysis device.

23. (Currently Amended) A computer program product comprising:

measurement means for conducting measurements for a subject's in vivo test and/or in

vitro test and obtaining measurement data,

~~first connection means for connecting said measurement means to an analysis device,~~

~~via a network, that analyzes said measurement data, and~~

~~first~~ transmission means for transmitting said measurement data to <u>an</u> ~~said~~ analysis

device <u>that processes said measurement data and obtains an analytical result which</u>

<u>corresponds to said measurement data</u> via said network <u>to convert said measurement data into</u>

<u>said analytical result,</u>

wherein the network is selected from the group consisting of an internet, a public

telephone network, a mobile communication network, and an ISDN.

24. (Currently Amended) <u>An output device</u> A~computer~to~be connected to a measurement device that~receives~an~analytical~data~from~an~analysis~device~for~obtaining~the analytical~data~based~on~a~measurement~data comprising:

connection~means~for~connecting~to~the~measurement~device~that~conducts measurements~for~a~subject's~in~vivo~test~and/or~in~vitro~test~and~obtains~the~measurement data,

receiving means for receiving the <u>an</u> analytical <u>result</u> data from <u>said</u> the measurement device via~said~connection~means, <u>said analytical result being transmitted from an analysis</u> <u>device to said measurement device via a network, said measurement device conducting</u> <u>measurements for a subject's in vivo test and/or in vitro test and obtaining a measurement</u> <u>data, said analysis device processing said measurement data and obtaining said analytical</u> <u>result, and said measurement device being connected to said analysis device via said network;</u> and

output means for outputting the <u>said</u> analytical <u>result</u> data.

25. (Canceled).

26. (Currently Amended) An output device to~be connected to an analysis device that is~connected, via a network, to~a~measurement~device~for~conducting~measurements~for~a subject's~in~vivo~test~and/or~in~vitro~test~and~obtaining~a~measurement~data, comprising:

connection~means~for~connecting,~via~the~network,~to~the~analysis~device~that~analyzes the~measurement~data~and~obtains~analytical~data,

receiving means for receiving an ~~said~~ analytical result, ~~data~~ via said network, from

said analysis device that processes a measurement data and obtains said analytical result; ~~via~~

~~said connection means,~~ and

output means for outputting said analytical result; ~~data.~~

wherein said analysis device is connected to a measurement device that conducts

measurement for subject's in vivo test an/or in vitro test and obtains the measurement data

via said network.

27. (Currently Amended) The output device according to Claim 26, wherein

said receiving means receives identification information and test items for said subject

that is related to said analytical result ~~data~~, and

said output device associates said subject's identification information and test items

with said analytical result ~~data~~ and outputs said analytical result ~~data~~.

28-29. (Canceled).

30. (Currently Amended) The method of producing analytical result ~~data~~ according to

claim 1, further comprising:

an outputting step of outputting said analytical result ~~data~~ by said measurement

device.

31. (Currently Amended) The method of producing analytical result ~~data~~ according to

claim 1, wherein

the network is selected from the group consisting of an internet, a public telephone

network, a mobile communication network, and an ISDN.

32. (Currently Amended) The method of producing analytical <u>result</u> ~~data~~ according to

claim 3, wherein

the network is selected from the group consisting of an internet, a public telephone

network, a mobile communication network, and an ISDN.

33. (Previously Presented) The measurement device according to claim 22, wherein

the output means comprises a computer.

34. (Currently Amended) A system of producing analytical <u>result</u> ~~data~~ comprising:

a measurement device; and

an analysis device to be connected via a network to the measurement device;

wherein the measurement device comprises

      measurement means for conducting measurements for a subject's in vivo test

            and/or in vitro test and for obtaining measurement data, <u>and</u>

      ~~first connection means for connecting said measurement means to said~~

            ~~analysis device, via said network, and~~

      first transmission means for transmitting, via said <u>network</u> ~~first connection~~

            ~~means,~~ said measurement data to said analysis device, and

the analysis device comprises

      ~~second connection means for connecting, via the network, the measurement~~

            ~~device,~~

receiving means for receiving said measurement data from said measurement

device via said network ~~second connection means~~,

processing ~~analysis~~ means for processing ~~conducting an analysis of~~ said

measurement data, and obtaining an analytical result ~~data~~ which

corresponds to said measurement data, and

second transmission means for transmitting, via said network ~~second~~

~~connection means~~, said analytical result ~~data~~ to said measurement

device.

35. (Currently Amended) A system of producing analytical result ~~data~~ comprising:

a measurement device;

an analysis device to be connected via a network to the measurement device; and

an output device to be connected via the network to the analysis device;

wherein the measurement device comprises

measurement means for conducting measurements for a subject's in vivo test

and/or in vitro test and for obtaining measurement data, and

~~first connection means for connecting said measurement means to said~~

~~analysis device, via said network, and~~

first transmission means for transmitting said measurement data to said

analysis device via said network ~~first connection means~~,

the analysis device comprises

~~second connection means for connecting, via the network, the measurement~~

~~device,~~

first receiving means for receiving said measurement data from said

measurement device via said <u>network</u> ~~second connection means~~,

<u>processing</u> ~~analysis~~ means for <u>processing</u> ~~conducting an analysis of~~ said

measurement data, and obtaining <u>an</u> analytical <u>result</u> ~~data~~ <u>which</u>

<u>corresponds to said measurement data</u>, and

second transmission means for transmitting, via said <u>network</u> ~~second~~

~~connection means~~, said analytical <u>result</u> ~~data~~ to said output device, and

the output device comprises

~~third connection means for connecting, via the network, to the analysis device,~~

second receiving means for receiving said analytical <u>result</u> ~~data~~ from said

analysis device via said <u>network</u> ~~third connection means~~, and

output means for outputting said analytical <u>result</u> ~~data~~.

36. (Currently Amended) The system according to claim 34, wherein

the measurement device further comprises an output means for outputting said

analytical <u>result</u> ~~data~~.

37. (Previously Presented) The system according to claim 34, wherein

the network is selected from the group consisting of an internet, a public telephone

network, a mobile communication network, and an ISDN.

38. (Currently Amended) The system according to claim 34, further comprising:

a <u>web</u> ~~WWW~~ server for storing a patient data.

39. (Previously Presented) The system according to claim 35, wherein

the network is selected from the group consisting of an internet, a public telephone

network, a mobile communication network, and an ISDN.

40. (Currently Amended) The system according to claim 35, further comprising:

a web ~~WWW~~ server for storing patient data.

41. (New) A measurement device to be connected via a network to an analysis device

that processes a measurement data and obtains an analytical result, comprising:

a measurement unit for conducting measurements of a subject's in vivo test and/or in

vitro test and for obtaining said measurement data, and

a transmission unit for transmitting said measurement data to said analysis device via

said network to convert said measurement data into said analytical result,

wherein said network is selected from a group consisting of an internet, a public

telephone network, a mobile communication network, and an ISDN.